

**Ciba**



**October 10, 2003**

Mr. Frank Battaglia (2 copies)  
USEPA Region I  
Office of Site Remediation and Restoration (HBT)  
JFK Federal Building  
Boston, MA 02203

**Re: Quarterly Progress Report for July, August, and September 2003  
Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905  
EPA ID RID001194323**

Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting a stabilization progress report for the third quarter of 2002.

## **1.0 SUMMARY**

### **Stabilization Plan (IRM)**

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110, 120, and 130 and the pretreatment system are operating as designed.

Since initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 250 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.

- **Soil in the Production Area (SWMU 11)** -- EPA approved the removal of all SVE/Thermal Oxidizer equipment and abandonment of the SVE wells. As submitted and modified by the EPA, a soil sampling will be conducted during August of 2004, which is the seasonally low groundwater period.



## **2.0 DISCUSSION**

### **Groundwater Treatment System**

The treatment system continues to perform as required. The three extraction wells are pumping a total of approximately 62 GPM. Maher Drilling and Pump Services is scheduled to be on-site October 6, 2003, through October 13, 2003. During this time Maher will rehabilitate and redevelop well's 110, 120, and 130 utilizing the AquaFreed® Process. During the rehabilitation downtime will be limited by working/processing one well at a time.

The Granulated Activated Carbon (GAC) system continued to operate as planned throughout the reporting period.

### **SVE**

The USEPA reviewed the SVE shutdown and sampling plan dated 5/9/03 and approved the plan with few modifications. The plan will now include EPA recommendations to add one additional sample located between VE-2R and VE-3R, conduct the sampling event during the seasonally low groundwater period, record the depths of each sample taken, and compare the results with previous data. In addition, EPA approved the removal of all SVE/Thermal Oxidizer equipment and abandonment of the SVE wells. All work will be conducted using EPA approved methods and proper well abandonment procedures as per all applicable federal, state, and local regulations. Currently SVE is shutdown as per EPA guidance. The soil sampling will be conducted August of 2004, which is the seasonally low groundwater period.

## **3.0 SCHEDULE OF ACTIVITIES**

- Semiannual groundwater sampling completed in October 2003
- Schedule soil sampling for August 2004

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen  
Compliance Manager

Attachment: 1

c: Chron file

**Monthly Report Distribution List**

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